# SEQUENCE LISTING

<110> KIMURA, NAOKI
TOYOSHIMA, TOMOKO

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 14875-040003

<140> 10/802,332
<141> 2004-03-16

<150> US 09/855,266
<151> 2001-05-14

<150> US 09/411,722
<151> 1999-10-01

<150> PCT/JP98/01511
<151> 1998-04-01

<150> JP 9/099653
<151> 1997-04-01

<160> 14

<170> PatentIn version 3.3

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            20                  25                  30

Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser Asn Asp Val
        35                  40                  45

Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys
    50                  55                  60

Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro Gly Thr Phe
65                  70                  75                  80

Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys
                85                  90                  95

Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg
            100                 105                 110

Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro Lys Phe Pro
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Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu
    130                 135                 140

Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser Ser Val Ser
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Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val Phe Cys Ile
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            20                  25                  30

Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
        35                  40                  45

Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
    50                  55                  60

Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
65                  70                  75                  80

Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
                85                  90                  95

Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
            100                 105                 110

Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
        115                 120                 125

Ser Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile
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Val Phe Cys Ile
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Phe Leu Leu Leu Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala
    15                  20                  25

atg cct gaa tca tac tcc ttc aac tgt ccc gat ggt gaa tac cag tct     146
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aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg     194
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala
                50                  55                  60

ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca     242
Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro
            65                  70                  75

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Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys
        80                  85                  90

tcc acc tgt gat aaa gac cag aat atg gtg gct gac tgt tct gcc acc     338
Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr
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agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca     386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro
110                 115                 120                 125

aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc     434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile
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Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser
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tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc     530
Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val
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Phe Cys Ile
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acctctaata taggaaaaca ttgaattggg actggcttac agtttcagaa gttctgtcca    759

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<210> 11
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20 25 30

Gly Arg Asp Thr Val Cys Arg Glu Cys Glu Lys Gly Thr Phe Thr Ala
35 40 45

Ser Gln Asn Tyr Leu Arg Gln Cys Leu Ser Cys Lys Thr Cys Arg Lys
50 55 60

Glu Met Ser Gln Val Glu Ile Ser Pro Cys Gln Ala Asp Lys Asp Thr
65 70 75 80

Val Cys Gly Cys Lys Glu Asn Gln Phe Gln Arg Tyr Leu Ser Glu Thr
85 90 95

His Phe Gln Cys Val Asp Cys Ser Pro Cys Phe Asn Gly Thr Val Thr
100 105 110

Ile Pro Cys Lys Glu Thr Gln Asn Thr Val Cys
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Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys Ile Pro His Thr Gln
            20                  25                  30

Gly Gln Cys Glu Lys Cys His Pro Gly Thr Phe Thr Gly Lys Asp Asn
        35                  40                  45

Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys Asp Lys Asp Gln Asn
    50                  55                  60

Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg Lys Cys Glu Cys Gln
65                  70                  75                  80

Ile Gly Leu Tyr Tyr Tyr Asp Pro Lys Phe Pro Glu Ser Cys Arg Pro
                85                  90                  95

Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu Gln Glu Cys Asn Ser
            100                 105                 110

Thr Ala Asn Thr Val Cys
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